(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 28 July 2005 (28.07.2005)

**PCT** 

## (10) International Publication Number WO 2005/069174 A1

(51) International Patent Classification<sup>7</sup>: E04H 1/00

G06F 17/50,

(21) International Application Number:

PCT/AU2005/000030

(22) International Filing Date: 13 January 2005 (13.01.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2004900191

16 January 2004 (16.01.2004) AU

(71) Applicant (for IS only): DURACK, Michael, James [AU/AU]; 127 Lambert Street, Indooroopilly, Queensland 4068 (AU).

(71) Applicant and

(72) Inventor (for all designated States except IS): GHAZALI, Mazlin, B. [MY/MY]; 46 Jalan 14, Ampang Jaya, SELAN-GOR, 68000 (MY).

(74) Agent: FISHER ADAMS KELLY; Level 13 AMP House, 10 Eagle Street, Brisbane, Queensland 4000 (AU). (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

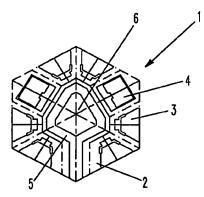
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD OF SUBDIVIDING A PLOT OF LAND FOR HOUSING AND A HOUSING SUBDIVISION SO FORMED



(57) Abstract: A method for sub-division of a plot of land comprises the steps of forming, on a polygonal basic tile shape, a layout of a basic precinct unit (1) comprising an array of occupiable spaces (2) of predetermined shape, at least one access way (5) communicating with each occupiable space (2) and tessellating the polygonal basic tile shapes over an area to be sub-divided whereby respective said at least one access way (5) of each basic precinct unit (1) connects with an access way (5) of an adjacent basic precinct unit (1) to form a network of connecting access ways, said basic precinct unit (1), together with an adjacent basic precinct unit (1) forming an inter-tile unit (12) of predetermined shape from two or more adjacent occupiable spaces, said inter-tile unit (12) linking adjacent basic precinct units (1). The tessellation is formed computationally and the computation may include dimensional, boundary and topographical contour data of a plot of land to be subdivided.

